

ROXBURY TOWNSHIP PRIVATE SCHOOLS

Landfill Gas Assessment

INDOOR AIR SAMPLING RESULTS 10/07/13 to 10/10/13

SCHOOL	SAMPLE DATE	SAMPLE LOCATION	HYDROGEN SULFIDE (H ₂ S)	SULFUR DIOXIDE (SO ₂)
American Christian E.S.	10/08/13	Lower School Building - Classroom 5	N.D.	N.D.
		Lower School Building - Classroom 2	N.D.	N.D.
		Upper School House - Middle Classroom	N.D.	N.D.
		Ambient	N.D.	N.D.
Morris County Educare and Enrichment Center	10/09/13	Entrance Foyer	N.D.	N.D.
		"Twoddler" Room	N.D.	N.D.
		Room 7	N.D.	N.D.
		Ambient	N.D.	N.D.
St. Therese E.S.	10/10/13	Main Building 1 st Grade Classroom	N.D.	N.D.
		Main Building 3 rd Grade Classroom	N.D.	N.D.
		Learning Center Building Pre-K Classroom	N.D.	N.D.
		Ambient	N.D.	N.D.

N.D. = Non-detectable.

All results are in parts per billion (ppb).

Results are rounded to the nearest whole number.

Sample Date is the date on which the 24-hour sample was completed.

In conjunction with the 24-hour canister sampling, the Department of Health (DOH) is utilizing Jerome J605 portable handheld meters for detecting hydrogen sulfide (H₂S) gas. The H₂S readings are being taken each time the 24-hour canisters are placed and again when the canisters are collected. The H₂S readings are being taken in each room where a canister is placed and in hallways and corridors in the vicinity of these rooms, as well as, outside the building. During this week of sampling there have been no detectable levels of H₂S measured inside or outside any of the schools that are being monitored.

Since the canister sampling began, there have been no detectable levels of H₂S measured inside any of the schools that are being monitored. However, on October 1, there were two detectable levels measured outside the Morris County Educare. These levels were 3.8 and 3.9 ppb but appeared to be transient in nature. All other outdoor readings for H₂S have been below detectable levels.